

Amendments to the Specification:

Please replace paragraph [0004] with the following amended paragraph:

[0004] Some damaged or diseased lumens, however, have quite complex shapes. For example, the root portion of the aorta is provided sinuses or bulges that surround the aortic valve, which are called the sinuses of Valsalva. The diameter and orifice area of the aortic root are greater at the vicinity of the sinuses as compared to other portions of the root. With such a complex geometry, implantable grafts matching such complexity have often been made by suturing differently shaped graft components together. For example, U.S. Patent No. 6,352,554 to DePaulis describes a method for forming a graft for the aortic root by suturing a bulbous woven section in between two straight tubular woven sections. Further, the bulbous woven section is also formed cutting or otherwise attaching woven materials. Still further, the various woven portions are crimped prior to suturing the sections together. Such techniques are not only costly as numerous textile portions must be sutured to one and the other, but also serve as a potential source for leakage as it is difficult to suture fluid-tight seams among the textile components.

Please replace paragraph [0009] with the following amended paragraph:

[0009] Further, the method of the present invention may include the steps of (i) providing a rotatable ~~rotateable~~ horn having a crimped surface mateable to the crimped surface of the rotatable ~~rotateable~~ mandrel made to rotate; (ii) aligning the crimping surfaces of the rotatable ~~rotateable~~ horn over the bulbous woven section; (iii) securing the woven section between the crimping surfaces of the rotatable ~~rotateable~~ horn and the rotatable ~~rotateable~~ mandrel; and (iv) causing the woven portion to heat by ultrasonic action to heat set crimps thereat.

Please replace paragraph [0025] with the following amended paragraph:

[0025] A system 10 for ultrasonically crimping a varied diameter graft is depicted in FIG. 1. The system includes a horn 12, a mandrel 14 and a base 16, interrelated as shown. A varied diameter graft 18 may be placed over the mandrel 14. Desirably, the varied diameter graft is a seamlessly woven graft. One method for weaving such a varied diameter graft is described in U.S. Patent Application No. 10/823,456 titled "Varied Diameter Vascular Graft"; ~~Attorney Docket No. 760-182, and~~ filed on April 12, 2004 ~~same date herewith~~, the contents of which is incorporated herein by reference. Further, the varied diameter graft 18 may have a plurality of petal-like projections (not shown) associated with its bulbous portion 20. Details of such varied diameter grafts with petal-like projections is described in U.S. Patent Application No. 10/823,061 titled "Tri-Petaled Aortic Root Vascular Graft"; ~~Attorney Docket No. 760-183, and~~ filed on April 12, 2004 ~~same date herewith~~, the contents of which is incorporated herein by reference.

Please replace paragraph [0030] with the following amended paragraph:

[0030] As depicted in FIG. 7, donut 44 includes an interior surface 48 to define an orifice or hole through, either totally or partially, the donut 44. The interior surface 48 is desirably mateable ~~matable~~ with the exterior surface 46 of tubular member 42. This permits the donut 44 to be disposed over tubular member 42, or the tubular member 42 to be along the donut 44.

Please replace paragraph [0031] with the following amended paragraph:

[0031] The donut 44 may be made of resilient material, for example, silicone rubber, with the tubular member 42 being slidable through the orifice of donut 44. The use of resilient material is desirable because the donut 44 may be compressed away from a bulbous portion of a graft after crimping the graft and removing the tubular member 42. Alternatively, the donut 44 could be collapsible, disassembled, inflatable, deflateable ~~deflatable~~ and the like to permit ingress and egress of the tubular member 42 and to and from a bulbous graft portion.

Please replace paragraph [0037] with the following amended paragraph:

[0037] Further, the method of the present invention may include the steps of (i) providing a rotatable ~~rotateable~~ horn having a crimped surface mateable to the crimped surface of the rotatable ~~rotateable~~ mandrel made to rotate; (ii) aligning the crimping surfaces of the rotatable ~~rotateable~~ horn over the bulbous woven section; (iii) securing the woven section between the crimping surfaces of the rotatable ~~rotateable~~ horn and the rotatable ~~rotateable~~ mandrel; and (iv) causing the woven portion to heat by ultrasonic action to heat set crimps thereat.